



DEPARTMENT OF CONSERVATION  
STATE OF CALIFORNIA

July 1, 2003

Notice

To: All Interested Parties

Subject: 2003 Commingled Refund Value per Pound Rates Specific to Material Redeemed through a Reverse Vending Machine (RVM)

DIVISION OF  
RECYCLING

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This notice is to inform you of changes in the statewide commingled rates. Commingled rates are set each year to reflect the percentage of California Redemption Value (CRV) containers in loads of recyclables containing both CRV and non-CRV containers and are the basis for proper payment of CRV for such loads.

Pursuant to Title 14, Division 2, Chapter 5, Section 2930 of the California Code of Regulations (as amended May 28, 2003) the method used to calculate commingled rates for aluminum, glass, and #1 PET plastic includes sampling procedures for material accepted by a reverse vending machine. In response, commingled rates for materials accepted by a reverse vending machine (RVM) are added to the attachment Payment of California Refund Value.

**Attachment 1, Payment of California Refund Value, reflects the addition of commingled refund value per pound rates for materials redeemed through RVMs.** Table 2 is added and applies only to materials redeemed through RVMs effective August 1, 2003. Tables 1, 3, 4, and 5 reflect no rate changes since their adoption January 1, 2003.

Attachments 2 and 3 from the earlier published notice of December 1, 2002 with recycling center rates effective January 1, 2003 are not changed by the addition of the reverse vending machine rates.

Pursuant to Section 14585(a)(3) of the Public Resources Code relating to handling fees, beverage containers with a capacity of 24 fluid ounces or more shall be considered as two beverage containers for the purposes of determining the eligibility percentage, any handling fee calculations, and payments. Therefore, in addition to the statewide average segregated container per pound rates listed in Attachment 1, the number of containers per pound used by the Department exclusively to convert redemption weights reported on Handling Fee Applications (DR-14) to container counts are determined. The containers per pound rates used by the Department exclusively to convert redemption weights reported on Handling Fee Applications (DR-14) remain as published December 1, 2002.

**Number of Containers per Pound Used by the Department for  
Handling Fee Application (DR-14) Weight-to-Count Conversions**

<b><u>Material Type</u></b>	<b><u>Number of Containers per Pound</u></b>
Aluminum	31.2
Glass	2.04
PET Plastic	16.4
Bimetal	7.6
High Density Polyethylene (HDPE)	8.8
Vinyl	10.4
Low Density Polyethylene (LDPE)	38.8
Polypropylene (PP)	12.4
Polystyrene (PS)	69.6
Other	10.4

The Department will continue to monitor the beverage container recycling stream with respect to the container per pound and segregated and commingled refund value per pound rates. Any significant changes will be analyzed and necessary adjustments will be addressed in future notices.

**NOTE:** If a commingled rate change overlaps a receipt and log period, it is recommended that a Shipping Report (DR-6) be filled out for the period of the old rate and another DR-6 be filled out for the period of the revised rates. Failure to separate the weights may delay your payment and the Department of Conservation will only reimburse payment at the lower rate for the entire reporting period.

As material from a recycling center may now include material from an RVM as well as material not from an RVM, it is required that a separate Shipping Report (DR-6) be filled out for material from an RVM and for all other material. Failure to separate the weights may delay your payment and the Department of Conservation will only reimburse payment at the lower rate.

If you have any further questions regarding these segregated or commingled refund value per pound rates or the number of containers per pound, please contact Chris Goetzke at (916) 327-7596 or Darald Walther at (916) 322-4178. Written comments may be mailed to 801 K Street, MS 18-58, Sacramento, CA 95814 or faxed to (916) 445-0645.

James D. Ferguson  
Assistant Director  
for Recycling

**PAYMENT OF CALIFORNIA REFUND VALUE****EFFECTIVE AUGUST 1, 2003**

California Code of Regulations, Title 14, Section 2500(e), requires recycling centers to post the following refund prices by weight or by container and by material type.

**Table 1. ALL RECYCLING CENTERS and REVERSE VENDING MACHINES**

<b>Material Type</b>	<b>(A) Segregated Containers Per Pound</b>	<b>(B)* Fully Segregated Per Pound</b>	<b>(C)* Commingled Per Pound</b>
Aluminum	29.3	\$ 0.78	\$ 0.72
Glass	1.87	\$ 0.051	\$ 0.041
PET Plastic	11.2	\$ 0.41	\$ 0.34
Bimetal	7.6	\$ 0.19	Segregated Only
<b>Other Plastics</b>			
#2 HDPE (High Density Polyethylene)	4.6	\$ 0.22	\$ 0.15
#3 PVC (Vinyl)	9.3	\$ 0.26	Segregated Only
#4 LDPE (Low Density Polyethylene)	38.9	\$ 0.97	Segregated Only
#5 PP (Polypropylene)	12.5	\$ 0.31	Segregated Only
#6 PS (Polystyrene)	69.8	\$ 1.74	Segregated Only
#7 Other (includes pouches and unspecified resins)	9.1	\$ 0.26	Segregated Only

**Table 2. REVERSE VENDING MACHINES**

<b>Material Type</b>	<b>Commingled Per Pound</b>
Aluminum	\$ 0.77
Glass	\$ 0.046
PET Plastic	\$ 0.38

**Table 3. CURBSIDE PROGRAMS ONLY**

<b>Material Type</b>	<b>Commingled Per Pound</b>
Aluminum	\$ 0.74
Glass	\$ 0.026
PET Plastic	\$ 0.30
HDPE Plastic	\$ 0.06

**Table 4. DROPOFF or COLLECTION PROGRAMS ONLY**

<b>Material Type</b>	<b>Commingled Per Pound</b>
Aluminum	\$ 0.75
Glass	\$ 0.026
PET Plastic	\$ 0.31
HDPE Plastic	\$ 0.06

**Table 5. COMMUNITY SERVICE PROGRAMS ONLY**

<b>Material Type</b>	<b>Commingled Per Pound</b>
Aluminum	\$ 0.77
Glass	\$ 0.030
PET Plastic	\$ 0.35
HDPE Plastic	\$ 0.05

\*(B) and (C) only are to be used to calculate the Refund Payment.

## ATTACHMENT 1

**Note:** The containers that produce the Containers Per Pound (CPP) in column (A), vary in size. Consequently, the refund value is \$0.025 for some containers (<24 oz.) and \$0.05 for others ( $\geq$ 24 oz.). Therefore, one cannot simply multiply the CPP average by either refund value to get the Fully Segregated Per Pound rates, column (B).

SB 332 excludes any beverage that is not sold in an aluminum, glass, plastic, or bimetal container. Therefore rates for bag-in-a-box and aseptic containers are not determined.

Refund payment by size of container: <24 oz - \$0.05 for every **two** containers, \$0.03 for an unpaired container  
 $\geq$ 24 oz - \$0.05 for **one** container